H05Z-K 90°C

Harmonised; halogen-free to protect human life, the environment and material assets
Protection of human life and the environment thanks to the avoidance of the formation of acid in case of fire
Time-saving assembly



CE <HAR>

Single halogen-free cable

Info
Halogen-free and harmonised (HAR)
For expanded ambient temperatures see ÖLFLEX® HEAT 125 SC

Application range
For wiring of lamps, devices, switchgear cabinets and distribution boxes
For installation in tubes, on, in and under plaster as well as in closed installation ducts
In building with a high density of people or valuable assets
For use in dry rooms
For expanded ambient temperatures
see ÖLFLEX® HEAT 125 SC

Product Make-up
Fine-wire strand made of bare copper wires
Core insulation: Halogen-free

Norm references / Approvals
<HAR> cable type certification acc. EN 50525-3-41

Product features
The insulation material is halogen-free and free of other materials which could release toxic gases in the event of fire
Low amount of corrosive gases in the event of fire
Low smokes/low smoke density in the event of fire according to IEC 61034
Flame-retardant according IEC 60332-1-2

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	According to EN 50565-1 4 x outer diameter (OD) for normal use 2 x OD for cautions bending
Nominal voltage:	U_0/U: 300/500 V
Test voltage:	2000 V AC
Current rating:	VDE 0298-4 EN 50565-1/ VDE 0298-565-1
Temperature range:	During installation: -5°C bis +90°C Fixed installation: -40°C bis +90°C

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H05Z-K 90°C

Note
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Packaging size: Coil ≤ 30 kg, otherwise drum
Photographs are not to scale and do not represent detailed images of the respective products.
The outer diameters stated in the part number table are maximum values.

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PRODUCT INFORMATION

H05Z-K 90 °C

Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4725001	0.5	2.1 - 2.6	green/yellow	100		4.8	9
4725001K	0.5	2.1 - 2.6	green/yellow		3000	4.8	9
4725121	0.5	2.1 - 2.6	green	100		4.8	9
4725121K	0.5	2.1 - 2.6	green		3000	4.8	9
4725031	0.5	2.1 - 2.6	brown	100		4.8	9
4725031K	0.5	2.1 - 2.6	brown		3000	4.8	9
4725011	0.5	2.1 - 2.6	black	100		4.8	9
4725011K	0.5	2.1 - 2.6	black		3000	4.8	9
4725061	0.5	2.1 - 2.6	grey	100		4.8	9
4725061K	0.5	2.1 - 2.6	grey		3000	4.8	9
4725021	0.5	2.1 - 2.6	blue	100		4.8	9
4725021K	0.5	2.1 - 2.6	blue		3000	4.8	9
4725141	0.5	2.1 - 2.6	dark blue	100		4.8	9
4725141K	0.5	2.1 - 2.6	dark blue		3000	4.8	9
4725091	0.5	2.1 - 2.6	orange	100		4.8	9
4725091K	0.5	2.1 - 2.6	orange		3000	4.8	9
4725071	0.5	2.1 - 2.6	violet	100		4.8	9
4725071K	0.5	2.1 - 2.6	violet		3000	4.8	9
4725111	0.5	2.1 - 2.6	yellow	100		4.8	9
4725111K	0.5	2.1 - 2.6	yellow		3000	4.8	9
4725051	0.5	2.1 - 2.6	white	100		4.8	9
4725051K	0.5	2.1 - 2.6	white		3000	4.8	9
4725041	0.5	2.1 - 2.6	red	100		4.8	9
4725041K	0.5	2.1 - 2.6	red		3000	4.8	9
4725081	0.5	2.1 - 2.6	pink	100		4.8	9
4725081K	0.5	2.1 - 2.6	pink		3000	4.8	9
4725002	0.75	2.2 - 2.8	green/yellow	100		7.2	11
4725002K	0.75	2.2 - 2.8	green/yellow		2500	7.2	11
4725122	0.75	2.2 - 2.8	green	100		7.2	11
4725122K	0.75	2.2 - 2.8	green		2500	7.2	11
4725032	0.75	2.2 - 2.8	brown	100		7.2	11
4725032K	0.75	2.2 - 2.8	brown		2500	7.2	11
4725012	0.75	2.2 - 2.8	black	100		7.2	11
4725012K	0.75	2.2 - 2.8	black		2500	7.2	11

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PRODUCT INFORMATION

H05Z-K 90 °C

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4725062	0.75	2.2 - 2.8	grey	100		7.2	11
4725062K	0.75	2.2 - 2.8	grey		2500	7.2	11
4725022	0.75	2.2 - 2.8	blue	100		7.2	11
4725022K	0.75	2.2 - 2.8	blue		2500	7.2	11
4725142	0.75	2.2 - 2.8	dark blue	100		7.2	11
4725142K	0.75	2.1 - 2.8	dark blue		2500	7.2	11
4725092	0.75	2.1 - 2.8	orange	100		7.2	11
4725092K	0.75	2.1 - 2.8	orange		2500	7.2	11
4725072	0.75	2.2 - 2.8	violet	100		7.2	11
4725072K	0.75	2.2 - 2.8	violet		2500	7.2	11
4725112	0.75	2.2 - 2.8	yellow	100		7.2	11
4725112K	0.75	2.2 - 2.8	yellow		2500	7.2	11
4725052	0.75	2.2 - 2.8	white	100		7.2	11
4725052K	0.75	2.2 - 2.8	white		2500	7.2	11
4725042	0.75	2.2 - 2.8	red	100		7.2	11
4725042K	0.75	2.2 - 2.8	red		2500	7.2	11
4725082	0.75	2.2 - 2.8	pink	100		7.2	11
4725082K	0.75	2.2 - 2.8	pink		2500	7.2	11
4725003	1	2.4 - 2.9	green/yellow	100		9.6	14
4725003K	1	2.4 - 2.9	green/yellow		2000	9.6	14
4725123	1	2.4 - 2.9	green	100		9.6	14
4725123K	1	2.4 - 2.9	green		2000	9.6	14
4725033	1	2.4 - 2.9	brown	100		9.6	14
4725033K	1	2.4 - 2.9	brown		2000	9.6	14
4725013	1	2.4 - 2.9	black	100		9.6	14
4725013K	1	2.4 - 2.9	black		2000	9.6	14
4725063	1	2.4 - 2.9	grey	100		9.6	14
4725063K	1	2.4 - 2.9	grey		2000	9.6	14
4725023	1	2.4 - 2.9	blue	100		9.6	14
4725023K	1	2.4 - 2.9	blue		2000	9.6	14
4725143	1	2.4 - 2.9	dark blue	100		9.6	14
4725143K	1	2.4 - 2.9	dark blue		2000	9.6	14
4725093	1	2.4 - 2.9	orange	100		9.6	14
4725093K	1	2.4 - 2.9	orange		2000	9.6	14

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PRODUCT INFORMATION

H05Z-K 90 °C

Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	m/box	Copper index (kg/km)	Weight (kg/km)
4725073	1	2.4 - 2.9	violet	100		9.6	14
4725073K	1	2.4 - 2.9	violet		2000	9.6	14
4725113	1	2.4 - 2.9	yellow	100		9.6	14
4725113K	1	2.4 - 2.9	yellow		2000	9.6	14
4725053	1	2.4 - 2.9	white	100		9.6	14
4725053K	1	2.4 - 2.9	white		2000	9.6	14
4725043	1	2.4 - 2.9	red	100		9.6	14
4725043K	1	2.4 - 2.9	red		2000	9.6	14
4725083	1	2.4 - 2.9	pink	100		9.6	14
4725083K	1	2.4 - 2.9	pink		2000	9.6	14
4725263K	1	2.4 - 2.9	blue/white		2000	9.6	14

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H05Z-K 90°C







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